[DISCUSSION DRAFT]

SEPTEMBER 15, 2003

TITLE ____—ENERGY EFFICIENCY

Subtitle A—Federal Programs

SEC. ___1. ENERGY AND WATER SAVING MEASURES IN CONGRESSIONAL BUILDINGS.

(a) IN GENERAL.—Part 3 of title V of the National Energy Conservation Policy Act (42 U.S.C. 8251 et seq.) is amended by adding at the end the following:

"SEC. 552. ENERGY AND WATER SAVINGS MEASURES IN CONGRESSIONAL BUILDINGS.

''(a) IN GENERAL.—The Architect of the Capitol—

''(1) shall develop, update, and implement a cost-effective energy conservation and management plan (referred to in this section as the 'plan') for all facilities administered by Congress (referred to in this section as 'congressional buildings') to meet the energy performance requirements for Federal buildings established under section 543(a)(1); and

''(2) shall submit the plan to Congress, not later than 180 days after the date of enactment of this section.

''(b) PLAN REQUIREMENTS.—The plan shall include—

''(1) a description of the life cycle cost analysis used to determine the cost-effectiveness of proposed energy efficiency projects;

''(2) a schedule of energy surveys to ensure complete surveys of all congressional buildings every 5 years to determine the cost and payback period of energy and water conservation measures;

''(3) a strategy for installation of life cycle cost-effective energy and water conservation measures;

''(4) the results of a study of the costs and benefits of installation of submetering in congressional buildings; and

''(5) information packages and 'how-to' guides for each Member and employing authority of Congress that detail simple, cost-effective methods to save energy and taxpayer dollars in the workplace.

''(c) ANNUAL REPORT.—The Architect shall submit to Congress annually a report on congressional energy management and conservation programs required under this section that describes in detail—

''(1) energy expenditures and savings estimates for each facility;

''(2) energy management and conservation projects; and

''(3) future priorities to ensure compliance with this section.''.

(b) TABLE OF CONTENTS AMENDMENT.—The table of contents of the National Energy Conservation Policy Act is amended by adding at the end of the items relating to part 3 of title V the following new item:

''Sec. 552. Energy and water savings measures in congressional buildings.''.

(c) REPEAL.—Section 310 of the Legislative Branch Appropriations Act, 1999 (2 U.S.C. 1815), is repealed.

(d) ENERGY INFRASTRUCTURE.—The Architect of the Capitol, building on the Master Plan Study completed in July 2000, shall commission a study to evaluate the energy infrastructure of the Capital Complex to determine how the infrastructure could be augmented to become more energy efficient, using unconventional and renewable energy resources, in a way that would enable the Complex to have reliable utility service in the event of power fluctuations, shortages, or outages.

(e) AUTHORIZATION.—There are authorized to be appropriated to the Architect of the Capitol to carry out subsection (d), $2,000,000 for each of fiscal years 2004 through 2008.

SEC. ___2. ENERGY MANAGEMENT REQUIREMENTS.

(a) ENERGY REDUCTION GOALS.—

(1) AMENDMENT.—Section 543(a)(1) of the National Energy Conservation Policy Act (42 U.S.C.

8253(a)(1)) is amended by striking ''its Federal buildings so that'' and all that follows through the end and inserting ''the Federal buildings of the agency (including each industrial or laboratory facility) so that the energy consumption per gross square foot of the Federal buildings of the agency in fiscal years 2004 through 2013 is reduced, as compared with the energy consumption per gross square foot of the Federal buildings of the agency in fiscal year 2001, by the percentage specified in the following table:

''Fiscal Year	**Percentage reduction**
2004	2
2005	4
2006	6
2007	8
2008	10
2009	12
2010	14
2011	16
2012	18
2013	20.''.

(2) REPORTING BASELINE.—The energy reduction goals and baseline established in paragraph (1) of section 543(a) of the National Energy Conservation Policy Act, as amended by paragraph (1) of this subsection, supersede all previous goals and baselines under such paragraph, and related reporting requirements.

(b) REVIEW AND REVISION OF ENERGY PERFORMANCE REQUIREMENT.—Section 543(a) of the National

Energy Conservation Policy Act (42 U.S.C. 8253(a)) is further amended by adding at the end the following:

''(3) Not later than December 31, 2012, the Secretary shall review the results of the implementation of the energy performance requirement established under paragraph (1) and submit to Congress recommendations concerning energy performance requirements for fiscal years 2014 through 2023.''.

(c) EXCLUSIONS.—Section 543(c)(1) of the National Energy Conservation Policy Act (42 U.S.C. 8253(c)(1)) is amended by striking ''An agency may exclude'' and all that follows through the end and inserting ''(A) An agency may exclude, from the energy performance requirement for a fiscal year established under subsection (a) and the energy management requirement established under subsection (b), any Federal building or collection of Federal buildings, if the head of the agency finds that—

''(i) compliance with those requirements would be impracticable;

''(ii) the agency has completed and submitted all federally required energy management reports;

''(iii) the agency has achieved compliance with the energy efficiency requirements of this Act, the Energy Policy Act of 1992, Executive orders, and other Federal law; and

''(iv) the agency has implemented all practicable, life cycle cost-effective projects with respect to the Federal building or collection of Federal buildings to be excluded.

''(B) A finding of impracticability under subparagraph (A)(i) shall be based on—

''(i) the energy intensiveness of activities carried out in the Federal building or collection of Federal buildings; or

''(ii) the fact that the Federal building or collection of Federal buildings is used in the performance of a national security function.''.

(d) REVIEW BY SECRETARY.—Section 543(c)(2) of the National Energy Conservation Policy Act (42 U.S.C. 8253(c)(2)) is amended—

(1) by striking ''impracticability standards'' and inserting ''standards for exclusion''; and

(2) by striking ''a finding of impracticability'' and inserting ''the exclusion''.

(e) CRITERIA.—Section 543(c) of the National Energy Conservation Policy Act (42 U.S.C. 8253(c)) is further amended by adding at the end the following:

''(3) Not later than 180 days after the date of enactment of this paragraph, the Secretary shall issue guide-

lines that establish criteria for exclusions under paragraph (1).''.

(f) RETENTION OF ENERGY SAVINGS.—Section 546 of the National Energy Conservation Policy Act (42 U.S.C. 8256) is amended by adding at the end the following new subsection:

''(e) RETENTION OF ENERGY SAVINGS.—An agency may retain any funds appropriated to that agency for energy expenditures, at buildings subject to the requirements of section 543(a) and (b), that are not made because of energy savings. Except as otherwise provided by law, such funds may be used only for energy efficiency or unconventional and renewable energy resources projects.''.

(g) REPORTS.—Section 548(b) of the National Energy Conservation Policy Act (42 U.S.C. 8258(b)) is amended—

(1) in the subsection heading, by inserting ''THE PRESIDENT AND'' before ''CONGRESS''; and

(2) by inserting ''President and'' before ''Congress''.

(h) CONFORMING AMENDMENT.—Section 550(d) of the National Energy Conservation Policy Act (42 U.S.C. 8258b(d)) is amended in the second sentence by striking ''the 20 percent reduction goal established under section 543(a) of the National Energy Conservation Policy Act

(42 U.S.C. 8253(a)).'' and inserting ''each of the energy reduction goals established under section 543(a).''.

SEC. ___3. ENERGY USE MEASUREMENT AND ACCOUNTABILITY.

Section 543 of the National Energy Conservation Policy Act (42 U.S.C. 8253) is further amended by adding at the end the following:

''(e) METERING OF ENERGY USE.—

''(1) DEADLINE.—By October 1, 2010, in accordance with guidelines established by the Secretary under paragraph (2), all Federal buildings shall, for the purposes of efficient use of energy and reduction in the cost of electricity used in such buildings, be metered or submetered. Each agency shall use, to the maximum extent practicable, advanced meters or advanced metering devices that provide data at least daily and that measure at least hourly consumption of electricity in the Federal buildings of the agency. Such data shall be incorporated into existing Federal energy tracking systems and made available to Federal facility energy managers.

''(2) GUIDELINES.—

''(A) IN GENERAL.—Not later than 180 days after the date of enactment of this sub-

section, the Secretary, in consultation with the Department of Defense, the General Services Administration, representatives from the metering industry, utility industry, energy services industry, energy efficiency industry, national laboratories, universities, and Federal facility energy managers, shall establish guidelines for agencies to carry out paragraph (1).

''(B) REQUIREMENTS FOR GUIDELINES.—The guidelines shall—

''(i) take into consideration—

''(I) the cost of metering and submetering and the reduced cost of operation and maintenance expected to result from metering and submetering;

''(II) the extent to which metering and submetering are expected to result in increased potential for energy management, increased potential for energy savings and energy efficiency improvement, and cost and energy savings due to utility contract aggregation; and

''(III) the measurement and verification protocols of the Department of Energy;

''(ii) include recommendations concerning the amount of funds and the number of trained personnel necessary to gather and use the metering information to track and reduce energy use;

''(iii) establish priorities for types and locations of buildings to be metered and submetered based on cost-effectiveness and a schedule of one or more dates, not later than 1 year after the date of issuance of the guidelines, on which the requirements specified in paragraph (1) shall take effect; and

''(iv) establish exclusions from the requirements specified in paragraph (1) based on the de minimis quantity of energy use of a Federal building, industrial process, or structure.

''(3) PLAN.—No later than 6 months after the date guidelines are established under paragraph (2), in a report submitted by the agency under section 548(a), each agency shall submit to the Secretary a

plan describing how the agency will implement the requirements of paragraph (1), including (A) how the agency will designate personnel primarily responsible for achieving the requirements and (B) demonstration by the agency, complete with documentation, of any finding that advanced meters or advanced metering devices, as defined in paragraph (1), are not practicable.''.

SEC. ___4. PROCUREMENT OF ENERGY EFFICIENT PRODUCTS.

(a) REQUIREMENTS.—Part 3 of title V of the National Energy Conservation Policy Act (42 U.S.C. 8251 et seq.), as amended by section ____1 of this Act, is amended by adding at the end the following:

''SEC. 553. FEDERAL PROCUREMENT OF ENERGY EFFICIENT PRODUCTS.

''(a) DEFINITIONS.—In this section:

''(1) ENERGY STAR PRODUCT.—The term 'Energy Star product' means a product that is rated for energy efficiency under an Energy Star program.

''(2) ENERGY STAR PROGRAM.—The term 'Energy Star program' means the program established by section 324A of the Energy Policy and Conservation Act.

''(3) EXECUTIVE AGENCY.—The term 'executive agency' has the meaning given the term in section 4 of the Office of Federal Procurement Policy Act (41 U.S.C. 403).

''(4) FEMP DESIGNATED PRODUCT.—The term 'FEMP designated product' means a product that is designated under the Federal Energy Management Program of the Department of Energy as being among the highest 25 percent of equivalent products for energy efficiency.

''(b) PROCUREMENT OF ENERGY EFFICIENT PRODUCTS.—

''(1) REQUIREMENT.—To meet the requirements of an executive agency for an energy consuming product, the head of the executive agency shall, except as provided in paragraph (2), procure—

''(A) an Energy Star product; or

''(B) a FEMP designated product.

''(2) EXCEPTIONS.—The head of an executive agency is not required to procure an Energy Star product or FEMP designated product under paragraph (1) if the head of the executive agency finds in writing that—

''(A) an Energy Star product or FEMP designated product is not cost-effective over the

life of the product taking energy cost savings into account; or

''(B) no Energy Star product or FEMP designated product is reasonably available that meets the functional requirements of the executive agency.

''(3) PROCUREMENT PLANNING.—The head of an executive agency shall incorporate into the specifications for all procurements involving energy consuming products and systems, including guide specifications, project specifications, and construction, renovation, and services contracts that include provision of energy consuming products and systems, and into the factors for the evaluation of offers received for the procurement, criteria for energy efficiency that are consistent with the criteria used for rating Energy Star products and for rating FEMP designated products.

''(c) LISTING OF ENERGY EFFICIENT PRODUCTS IN FEDERAL CATALOGS.—Energy Star products and FEMP designated products shall be clearly identified and prominently displayed in any inventory or listing of products by the General Services Administration or the Defense Logistics Agency. The General Services Administration or the Defense Logistics Agency shall supply only Energy

Star products or FEMP designated products for all product categories covered by the Energy Star program or the Federal Energy Management Program, except in cases where the agency ordering a product specifies in writing that no Energy Star product or FEMP designated product is available to meet the buyer's functional requirements, or that no Energy Star product or FEMP designated product is cost-effective for the intended application over the life of the product, taking energy cost savings into account.

''(d) DESIGNATION OF ELECTRIC MOTORS.—In the case of electric motors of 1 to 500 horsepower, agencies shall select only premium efficient motors that meet a standard designated by the Secretary. The Secretary shall designate such a standard within 120 days after the date of the enactment of this section, after considering the recommendations of associated electric motor manufacturers and energy efficiency groups.

''(e) REGULATIONS.—Not later than 180 days after the date of the enactment of this section, the Secretary shall issue guidelines to carry out this section.''.

(b) CONFORMING AMENDMENT.—The table of contents of the National Energy Conservation Policy Act is further amended by inserting after the item relating to section 552 the following new item:

''Sec. 553. Federal procurement of energy efficient products.''.

SEC. ___5. ENERGY SAVINGS PERFORMANCE CONTRACTS.

(a) PERMANENT EXTENSION.—Section 801(c) of the National Energy Conservation Policy Act (42 U.S.C. 8287(c)) is repealed.

(b) REPLACEMENT FACILITIES.—Section 801(a) of the National Energy Conservation Policy Act (42 U.S.C. 8287(a)) is amended by adding at the end the following new paragraph:

''(3)(A) In the case of an energy savings contract or energy savings performance contract providing for energy savings through the construction and operation of one or more buildings or facilities to replace one or more existing buildings or facilities, benefits ancillary to the purpose of such contract under paragraph (1) may include savings resulting from reduced life-cycle costs of operation and maintenance at such replacement buildings or facilities when compared with costs of operation and maintenance at the buildings or facilities being replaced, established through a methodology set forth in the contract.

''(B) Notwithstanding paragraph (2)(B), aggregate annual payments by an agency under an energy savings contract or energy savings performance contract referred to in subparagraph (A) may take into account (through the procedures developed pursuant to this section) savings resulting from reduced costs of operation and maintenance as described in that subparagraph.''.

(c) ENERGY SAVINGS.—Section 804(2) of the National Energy Conservation Policy Act (42 U.S.C. 8287c(2)) is amended to read as follows:

"(2) The term 'energy savings' means—

"(A) a reduction in the cost of energy or water, from a base cost established through a methodology set forth in the contract, used in an existing federally owned building or buildings or other federally owned facilities as a result of—

"(i) the lease or purchase of operating equipment, improvements, altered operation and maintenance, or technical services;

"(ii) the increased efficient use of existing energy sources by cogeneration or heat recovery, excluding any cogeneration process for other than a federally owned building or buildings or other federally owned facilities; or

"(iii) the increased efficient use of existing water sources; or

"(B) in the case of a replacement building or facility described in section 801(a)(3), a reduction in the cost of energy, from a base cost

established through a methodology set forth in the contract, that would otherwise be utilized in one or more existing federally owned buildings or other federally owned facilities by reason of the construction and operation of the replacement building or facility.''.

(d) ENERGY SAVINGS CONTRACT.—Section 804(3) of the National Energy Conservation Policy Act (42 U.S.C. 8287c(3)) is amended to read as follows:

''(3) The terms 'energy savings contract' and 'energy savings performance contract' mean a contract that provides for—

''(A) the performance of services for the design, acquisition, installation, testing, and, where appropriate, operation, maintenance and repair, of an identified energy or water conservation measure or series of measures at one or more locations; or

''(B) energy savings through the construction and operation of one or more buildings or facilities to replace one or more existing buildings or facilities.

Such contracts shall, with respect to an agency facility that is a public building (as such term is defined in section 3301 of title 40, United States Code), be

in compliance with the prospectus requirements and procedures of section 3307 of title 40, United States Code.''.

(e) ENERGY OR WATER CONSERVATION MEASURE.—Section 804(4) of the National Energy Conservation Policy Act (42 U.S.C. 8287c(4)) is amended to read as follows:

''(4) The term 'energy or water conservation measure' means—

''(A) an energy conservation measure, as defined in section 551; or

''(B) a water conservation measure that improves water efficiency, is life-cycle cost-effective, and involves water conservation, water recycling or reuse, more efficient treatment of wastewater or stormwater, improvements in operation or maintenance efficiencies, retrofit activities, or other related activities, not at a Federal hydroelectric facility.''.

(f) REVIEW.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Energy shall complete a review of the Energy Savings Performance Contract program to identify statutory, regulatory, and administrative obstacles that prevent Federal agencies from fully utilizing the program. In addition, this review

shall identify all areas for increasing program flexibility and effectiveness, including audit and measurement verification requirements, accounting for energy use in determining savings, contracting requirements, including the identification of additional qualified contractors, and energy efficiency services covered. The Secretary shall report these findings to the Committee on Energy and Commerce of the House of Representatives and the Committee on Energy and Natural Resources of the Senate, and shall implement identified administrative and regulatory changes to increase program flexibility and effectiveness to the extent that such changes are consistent with statutory authority.

SEC. ___6. ENERGY SAVINGS PERFORMANCE CONTRACTS PILOT PROGRAM FOR NONBUILDING APPLICATIONS.

(a) IN GENERAL.—The Secretary of Defense and the heads of other interested Federal agencies are authorized to enter into up to 10 energy savings performance contracts under title VIII of the National Energy Conservation Policy Act (42 U.S.C. 8287 et seq.) for the purpose of achieving energy or water savings, secondary savings, and benefits incidental to those purposes, in nonbuilding applications, provided that the aggregate payments to be

made by the Federal Government under such contracts shall not exceed $200,000,000.

(b) DEFINITIONS.—For the purposes of this section:

(1) The term ''nonbuilding application'' means—

(A) any class of vehicles, devices, or equipment that are transportable under their own power by land, sea, or air that consume energy from any fuel source for the purpose of such transportability, or to maintain a controlled environment within such vehicle, device, or equipment; or

(B) any Federally owned equipment used to generate electricity or transport water.

(2) The term ''secondary savings'' means additional energy or cost savings that are a direct consequence of the energy or water savings that result from the financing and implementation of the energy savings performance contract, including, but not limited to, energy or cost savings that result from a reduction in the need for fuel delivery and logistical support, or the increased efficiency in the production of electricity.

(c) REPORT.—Not later than 3 years after the date of enactment of this section, the Secretary of Energy shall

report to the Congress on the progress and results of the projects funded pursuant to this section. Such report shall include a description of projects undertaken; the energy, water and cost savings, secondary savings and other benefits that resulted from such projects; and recommendations on whether the pilot program should be extended, expanded, or authorized permanently as a part of the program authorized under title VIII of the National Energy Conservation Policy Act (42 U.S.C. 8287 et seq.).

(d) TECHNICAL AMENDMENT.—Section 546(c)(3) of the National Energy Conservation Policy Act (42 U.S.C. 8256(c)(3)) is amended by striking ''facilities'' and inserting ''facilities, equipment and vehicles''.

SEC. ___7. UTILITY ENERGY SERVICE CONTRACTS.

Section 546(c)(1) of the National Energy Conservation Policy Act (42 U.S.C. 8256(c)(1)) is amended to read as follows:

''(c)(1) Agencies are authorized and encouraged to participate in programs, including utility energy service contracts, conducted by gas, water, and electric utilities and generally available to customers of such utilities, for the purposes of increased energy efficiency, water conservation, or the management of electricity demand. The Secretary of Energy shall establish appropriate procedures and methods to require that contracts entered into pursu-

ant to this paragraph include provisions for a guarantee of savings, payment for such services out of such savings, and measurement and verification of such savings.''.

SEC. ___8. VOLUNTARY COMMITMENTS TO REDUCE INDUSTRIAL ENERGY INTENSITY.

(a) VOLUNTARY AGREEMENTS.—The Secretary of Energy is authorized to enter into voluntary agreements with one or more persons in industrial sectors that consume significant amounts of primary energy per unit of physical output to reduce the energy intensity of their production activities.

(b) RECOGNITION.—The Secretary of Energy, in cooperation with the Administrator of the Environmental Protection Agency and other appropriate Federal agencies, shall recognize and publicize the achievements of participants in voluntary agreements under this section.

(c) DEFINITION.—In this section, the term ''energy intensity'' means the primary energy consumed per unit of physical output in an industrial process.

(d) TECHNICAL ASSISTANCE.—An entity that enters into an agreement under this section and continues to make a good faith effort to achieve the energy efficiency goals specified in the agreement shall be eligible to receive from the Secretary a grant or technical assistance as appropriate to assist in the achievement of those goals.

SEC. ___9. ADVANCED BUILDING EFFICIENCY TESTBED.

(a) ESTABLISHMENT.—The Secretary of Energy, in consultation with the Administrator of the General Services Administration, shall establish an Advanced Building Efficiency Testbed program for the development, testing, and demonstration of advanced engineering systems, components, and materials to enable innovations in building technologies. The program shall evaluate efficiency concepts for government and industry buildings, and demonstrate the ability of next generation buildings to support individual and organizational productivity and health as well as flexibility and technological change to improve environmental sustainability. Such program shall complement and not duplicate existing national programs.

(b) PARTICIPANTS.—The program established under subsection (a) shall be led by a university with the ability to combine the expertise from numerous academic fields including, at a minimum, intelligent workplaces and advanced building systems and engineering, electrical and computer engineering, computer science, architecture, urban design, and environmental and mechanical engineering. Such university shall partner with other universities and entities who have established programs and the capability of advancing innovative building efficiency technologies.

(c) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to the Secretary of Energy to carry out this section $6,000,000 for each of the fiscal years 2004 through 2006, to remain available until expended. For any fiscal year in which funds are expended under this section, the Secretary shall provide one-third of the total amount to the lead university described in subsection (b), and provide the remaining two-thirds to the other participants referred to in subsection (b) on an equal basis.

SEC. ___10. FEDERAL BUILDING PERFORMANCE STANDARDS.

Section 305(a) of the Energy Conservation and Production Act (42 U.S.C. 6834(a)) is amended—

(a) in paragraph (2)(A), by striking ''CABO Model Energy Code, 1992'' and inserting ''the 2000 International Energy Conservation Code''; and

(b) by adding at the end the following:

''(3) REVISED FEDERAL BUILDING ENERGY EFFICIENCY PERFORMANCE STANDARDS.—

''(A) IN GENERAL.—Not later than 1 year after the date of enactment of this paragraph, the Secretary of Energy shall establish, by rule, revised Federal building energy efficiency performance

standards that require that, if cost-effective, for new Federal buildings—

''(i) such buildings be designed so as to achieve energy consumption levels at least 30 percent below those of the most recent version of the International Energy Conservation Code; and

''(ii) sustainable design principles are applied to the siting, design, and construction of all new and replacement buildings.

''(B) ADDITIONAL REVISIONS.—Not later than 1 year after the date of approval of amendments to the 2000 International Energy Conservation Code, the Secretary of Energy shall determine, based on the cost-effectiveness of the requirements under the amendments, whether the revised standards established under this paragraph should be updated to reflect the amendments.

''(C) STATEMENT ON COMPLIANCE OF NEW BUILDINGS.—In the budget request of the Federal agency for each fiscal year and each report submitted by the Federal agency under section 548(a) of the National Energy Conservation Policy Act (42 U.S.C. 8258(a)), the head of each Federal agency shall include—

''(i) a list of all new Federal buildings owned, operated, or controlled by the Federal agency; and

''(ii) a statement concerning whether the Federal buildings meet or exceed the revised standards established under this paragraph.''.

Subtitle B—Energy Assistance and State Programs

SEC. ___11. LOW INCOME HOME ENERGY ASSISTANCE PROGRAM.

Section 2602(b) of the Low-Income Home Energy Assistance Act of 1981 (42 U.S.C. 8621(b)) is amended by striking ''each of fiscal years 2002 through 2004'' and inserting ''fiscal years 2002 and 2003, and $3,400,000,000 for each of fiscal years 2004 through 2006''.

SEC. ___12. WEATHERIZATION ASSISTANCE.

Section 422 of the Energy Conservation and Production Act (42 U.S.C. 6872) is amended by striking ''for fiscal years 1999 through 2003 such sums as may be necessary'' and inserting ''$325,000,000 for fiscal year 2004, $400,000,000 for fiscal year 2005, and $500,000,000 for fiscal year 2006''.

SEC. ___13. STATE ENERGY PROGRAMS.

(a) STATE ENERGY CONSERVATION PLANS.—Section 362 of the Energy Policy and Conservation Act (42 U.S.C. 6322) is amended by inserting at the end the following new subsection:

''(g) The Secretary shall, at least once every 3 years, invite the Governor of each State to review and, if necessary, revise the energy conservation plan of such State submitted under subsection (b) or (e). Such reviews should consider the energy conservation plans of other States within the region, and identify opportunities and actions carried out in pursuit of common energy conservation goals.''.

(b) STATE ENERGY EFFICIENCY GOALS.—Section 364 of the Energy Policy and Conservation Act (42 U.S.C. 6324) is amended to read as follows:

''STATE ENERGY EFFICIENCY GOALS

''SEC. 364. Each State energy conservation plan with respect to which assistance is made available under this part on or after the date of enactment of this section shall contain a goal, consisting of an improvement of 25 percent or more in the efficiency of use of energy in the State concerned in calendar year 2010 as compared to calendar year 1990, and may contain interim goals.''.

(c) AUTHORIZATION OF APPROPRIATIONS.—Section 365(f) of the Energy Policy and Conservation Act (42

U.S.C. 6325(f)) is amended by striking ''for fiscal years 1999 through 2003 such sums as may be necessary'' and inserting ''$100,000,000 for each of the fiscal years 2004 and 2005 and $125,000,000 for fiscal year 2006''.

SEC. ___14. ENERGY EFFICIENT APPLIANCE REBATE PROGRAMS.

(a) DEFINITIONS.—In this section:

(1) ELIGIBLE STATE.—The term ''eligible State'' means a State that meets the requirements of subsection (b).

(2) ENERGY STAR PROGRAM.—The term ''Energy Star program'' means the program established by section 324A of the Energy Policy and Conservation Act.

(3) RESIDENTIAL ENERGY STAR PRODUCT.—The term ''residential Energy Star product'' means a product for a residence that is rated for energy efficiency under the Energy Star program.

(4) STATE ENERGY OFFICE.—The term ''State energy office'' means the State agency responsible for developing State energy conservation plans under section 362 of the Energy Policy and Conservation Act (42 U.S.C. 6322).

(5) STATE PROGRAM.—The term ''State program'' means a State energy efficient appliance rebate program described in subsection (b)(1).

(b) ELIGIBLE STATES.—A State shall be eligible to receive an allocation under subsection (c) if the State—

(1) establishes (or has established) a State energy efficient appliance rebate program to provide rebates to residential consumers for the purchase of residential Energy Star products to replace used appliances of the same type;

(2) submits an application for the allocation at such time, in such form, and containing such information as the Secretary may require; and

(3) provides assurances satisfactory to the Secretary that the State will use the allocation to supplement, but not supplant, funds made available to carry out the State program.

(c) AMOUNT OF ALLOCATIONS.—

(1) IN GENERAL.—Subject to paragraph (2), for each fiscal year, the Secretary shall allocate to the State energy office of each eligible State to carry out subsection (d) an amount equal to the product obtained by multiplying the amount made available under subsection (f) for the fiscal year by the ratio that the population of the State in the most recent

calendar year for which data are available bears to the total population of all eligible States in that calendar year.

(2) MINIMUM ALLOCATIONS.—For each fiscal year, the amounts allocated under this subsection shall be adjusted proportionately so that no eligible State is allocated a sum that is less than an amount determined by the Secretary.

(d) USE OF ALLOCATED FUNDS.—The allocation to a State energy office under subsection (c) may be used to pay up to 50 percent of the cost of establishing and carrying out a State program.

(e) ISSUANCE OF REBATES.—Rebates may be provided to residential consumers that meet the requirements of the State program. The amount of a rebate shall be determined by the State energy office, taking into consideration—

(1) the amount of the allocation to the State energy office under subsection (c);

(2) the amount of any Federal or State tax incentive available for the purchase of the residential Energy Star product; and

(3) the difference between the cost of the residential Energy Star product and the cost of an appliance that is not a residential Energy Star prod-

uct, but is of the same type as, and is the nearest capacity, performance, and other relevant characteristics (as determined by the State energy office) to, the residential Energy Star product.

(f) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section $50,000,000 for each of the fiscal years 2004 through 2008.

SEC. ___15. ENERGY EFFICIENT PUBLIC BUILDINGS.

(a) GRANTS.—The Secretary of Energy may make grants to the State agency responsible for developing State energy conservation plans under section 362 of the Energy Policy and Conservation Act (42 U.S.C. 6322), or, if no such agency exists, a State agency designated by the Governor of the State, to assist units of local government in the State in improving the energy efficiency of public buildings and facilities—

(1) through construction of new energy efficient public buildings that use at least 30 percent less energy than a comparable public building constructed in compliance with standards prescribed in chapter 8 of the 2000 International Energy Conservation Code, or a similar State code intended to achieve substantially equivalent efficiency levels; or

(2) through renovation of existing public buildings to achieve reductions in energy use of at least 30 percent as compared to the baseline energy use in such buildings prior to renovation, assuming a 3-year, weather-normalized average for calculating such baseline.

(b) ADMINISTRATION.—State energy offices receiving grants under this section shall—

(1) maintain such records and evidence of compliance as the Secretary may require; and

(2) develop and distribute information and materials and conduct programs to provide technical services and assistance to encourage planning, financing, and design of energy efficient public buildings by units of local government.

(c) AUTHORIZATION OF APPROPRIATIONS.—For the purposes of this section, there are authorized to be appropriated to the Secretary of Energy $10,000,000 for each of fiscal years 2004 through 2008. Not more than 30 percent of appropriated funds shall be used for administration.

SEC. ___16. LOW INCOME COMMUNITY ENERGY EFFICIENCY PILOT PROGRAM.

(a) GRANTS.—The Secretary of Energy is authorized to make grants to units of local government, private, non-

profit community development organizations, and Indian tribe economic development entities to improve energy efficiency; identify and develop alternative, renewable, and distributed energy supplies; and increase energy conservation in low income rural and urban communities.

(b) PURPOSE OF GRANTS.—The Secretary may make grants on a competitive basis for—

(1) investments that develop alternative, renewable, and distributed energy supplies;

(2) energy efficiency projects and energy conservation programs;

(3) studies and other activities that improve energy efficiency in low income rural and urban communities;

(4) planning and development assistance for increasing the energy efficiency of buildings and facilities; and

(5) technical and financial assistance to local government and private entities on developing new renewable and distributed sources of power or combined heat and power generation.

(c) DEFINITION.—For purposes of this section, the term ''Indian tribe'' means any Indian tribe, band, nation, or other organized group or community, including any Alaskan Native village or regional or village corporation

as defined in or established pursuant to the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.), that is recognized as eligible for the special programs and services provided by the United States to Indians because of their status as Indians.

(d) AUTHORIZATION OF APPROPRIATIONS.—For the purposes of this section there are authorized to be appropriated to the Secretary of Energy $20,000,000 for fiscal year 2004 and each fiscal year thereafter through fiscal year 2006.

Subtitle C—Energy Efficient Products

SEC. ___21. ENERGY STAR PROGRAM.

(a) AMENDMENT.—The Energy Policy and Conservation Act (42 U.S.C. 6201 et seq.) is amended by inserting the following after section 324:

"SEC. 324A. ENERGY STAR PROGRAM.

''There is established at the Department of Energy and the Environmental Protection Agency a voluntary program to identify and promote energy-efficient products and buildings in order to reduce energy consumption, improve energy security, and reduce pollution through voluntary labeling of or other forms of communication about products and buildings that meet the highest energy efficiency standards. Responsibilities under the program shall

be divided between the Department of Energy and the Environmental Protection Agency consistent with the terms of agreements between the two agencies. The Administrator and the Secretary shall—

''(1) promote Energy Star compliant technologies as the preferred technologies in the marketplace for achieving energy efficiency and to reduce pollution;

''(2) work to enhance public awareness of the Energy Star label, including special outreach to small businesses;

''(3) preserve the integrity of the Energy Star label;

''(4) solicit the comments of interested parties prior to establishing or revising an Energy Star product category, specifications, or criteria;

''(5) upon adoption of a new or revised product category, specifications, or criteria, publish a notice of any changes in product categories, specifications, or criteria along with an explanation of such changes, and, where appropriate, responses to comments submitted by interested parties; and

''(6) unless waived or reduced by mutual agreement between the Administrator, the Secretary, and the affected parties, provide not less than 12 months

lead time prior to implementation of changes in product categories, specifications, or criteria adopted pursuant to this section.''.

(b) TABLE OF CONTENTS AMENDMENT.—The table of contents of the Energy Policy and Conservation Act is amended by inserting after the item relating to section 324 the following new item:

''Sec. 324A. Energy Star program.''.

SEC. ___22. HVAC MAINTENANCE CONSUMER EDUCATION PROGRAM.

Section 337 of the Energy Policy and Conservation Act (42 U.S.C. 6307) is amended by adding at the end the following:

''(c) HVAC MAINTENANCE.—For the purpose of ensuring that installed air conditioning and heating systems operate at their maximum rated efficiency levels, the Secretary shall, within 180 days of the date of enactment of this subsection, carry out a program to educate homeowners and small business owners concerning the energy savings resulting from properly conducted maintenance of air conditioning, heating, and ventilating systems. The Secretary shall carry out the program in a cost-shared manner in cooperation with the Administrator of the Environmental Protection Agency and such other entities as the Secretary considers appropriate, including industry

trade associations, industry members, and energy efficiency organizations.

''(d) SMALL BUSINESS EDUCATION AND ASSISTANCE.—The Administrator of the Small Business Administration, in consultation with the Secretary of Energy and the Administrator of the Environmental Protection Agency, shall develop and coordinate a Government-wide program, building on the existing Energy Star for Small Business Program, to assist small business to become more energy efficient, understand the cost savings obtainable through efficiencies, and identify financing options for energy efficiency upgrades. The Secretary and the Administrator shall make the program information available directly to small businesses and through other Federal agencies, including the Federal Emergency Management Program and the Department of Agriculture.''.

SEC. ___23. ENERGY CONSERVATION STANDARDS FOR ADDITIONAL PRODUCTS.

(a) DEFINITIONS.—Section 321 of the Energy Policy and Conservation Act (42 U.S.C. 6291) is amended—

(1) in paragraph (30)(S), by striking the period and adding at the end the following: '', but does not include any lamp specifically designed to be used for special purpose applications, or any lamp not de-

scribed in subparagraph (D) that is excluded by the Secretary, by rule.''; and

(2) by adding at the end the following:

''(32) The term 'battery charger' means a device that charges batteries for consumer products.

''(33) The term 'commercial refrigerator, freezer, and refrigerator-freezer' means a refrigerator, freezer, or refrigerator-freezer that—

''(A) is not a consumer product regulated under this Act; and

''(B) incorporates most components involved in the vapor-compression cycle and the refrigerated compartment in a single package.

''(34) The term 'external power supply' means an external power supply circuit that is used to convert household electric current into either DC current or lower-voltage AC current to operate a consumer product.

''(35) The term 'illuminated exit sign' means a sign that—

''(A) is designed to be permanently fixed in place to identify an exit; and

''(B) consists of an electrically powered integral light source that illuminates the legend 'EXIT' and any directional indicators and pro-

vides contrast between the legend, any directional indicators, and the background.

''(36)(A) Except as provided in subparagraph (B), the term 'low-voltage dry-type distribution transformer' means a transformer that—

''(i) has an input voltage of 600 volts or less;

''(ii) is air-cooled;

''(iii) does not use oil as a coolant; and

''(iv) is rated for operation at a frequency of 60 Hertz.

''(B) The term 'low-voltage dry-type distribution transformer' does not include—

''(i) transformers with multiple voltage taps, with the highest voltage tap equaling at least 20 percent more than the lowest voltage tap;

''(ii) transformers, such as those commonly known as drive transformers, rectifier transformers, auto-transformers, Uninterruptible Power System transformers, impedance transformers, harmonic transformers, regulating transformers, sealed and nonventilating transformers, machine tool transformers, welding transformers, grounding transformers, or test-

ing transformers, that are designed to be used in a special purpose application and are unlikely to be used in general purpose applications; or

''(iii) any transformer not listed in clause (ii) that is excluded by the Secretary by rule because the transformer is designed for a special application and the application of standards to the transformer would not result in significant energy savings.

''(37)(A) Except as provided in subsection (B), the term 'distribution transformer' means a transformer that—

''(i) has an input voltage of 34.5 kilovolts or less;

''(ii) has an output voltage of 600 volts or less; and

''(iii) is rated for operation at a frequency of 60 Hertz.

''(B) The term 'distribution transformer' does not include -

''(i) transformers with multiple voltage taps, with the highest voltage tap equaling at least 15 percent more than the lowest voltage tap;

''(ii) transformers, such as those commonly known as drive transformers, rectifier transformers, autotransformers, Uninterruptible Power System transformers, impedance transformers, harmonic transformers, regulating transformers, sealed and nonventilating transformers, machine tool transformers, welding transformers, grounding transformers, or testing transformers, that are designed to be used in a special purpose application, and are unlikely to be used in general purpose applications; or

''(iii) any transformer not listed in clause (ii) that is excluded by the Secretary by rule because the transformer is designed for a special application, is unlikely to be used in general purpose applications, and the application of standards to the transformer would not result in significant energy savings.

''(38) The term 'standby mode' means the lowest amount of electric power used by a household appliance when not performing its active functions, as defined on an individual product basis by the Secretary.

''(39) The term 'torchiere' means a portable electric lamp with a reflector bowl that directs light upward so as to give indirect illumination.

''(40) The term 'transformer' means a device consisting of two or more coils of insulated wire that transfers alternating current by electromagnetic induction from one coil to another to change the original voltage or current value.

''(41) The term 'unit heater' means a self-contained fan-type heater designed to be installed within the heated space, except that such term does not include a warm air furnace.

''(42) The term 'traffic signal module' means a standard 8-inch (200mm) or 12-inch (300mm) traffic signal indication, consisting of a light source, a lens, and all other parts necessary for operation, that communicates movement messages to drivers through red, amber, and green colors.''.

(b) TEST PROCEDURES.—Section 323 of the Energy Policy and Conservation Act (42 U.S.C. 6293) is amended—

(1) in subsection (b), by adding at the end the following:

''(9) Test procedures for illuminated exit signs shall be based on the test method used under Ver-

sion 2.0 of the Energy Star program of the Environmental Protection Agency for illuminated exit signs.

''(10) Test procedures for distribution transformers and low voltage dry-type distribution transformers shall be based on the 'Standard Test Method for Measuring the Energy Consumption of Distribution Transformers' prescribed by the National Electrical Manufacturers Association (NEMA TP 2–1998). The Secretary may review and revise this test procedure. For purposes of section 346(a), this test procedure shall be deemed to be testing requirements prescribed by the Secretary under section 346(a)(1) for distribution transformers for which the Secretary makes a determination that energy conservation standards would be technologically feasible and economically justified, and would result in significant energy savings.

''(11) Test procedures for traffic signal modules shall be based on the test method used under the Energy Star program of the Environmental Protection Agency for traffic signal modules, as in effect on the date of enactment of this paragraph.

''(12) Test procedures for medium base compact fluorescent lamps shall be based on the test methods used under the August 9, 2001, version of

the Energy Star program of the Environmental Protection Agency and Department of Energy for compact fluorescent lamps. Covered products shall meet all test requirements for regulated parameters in section 325(bb). However, covered products may be marketed prior to completion of lamp life and lumen maintenance at 40 percent of rated life testing provided manufacturers document engineering predictions and analysis that support expected attainment of lumen maintenance at 40 percent rated life and lamp life time.''; and

(2) by adding at the end the following:

''(f) ADDITIONAL CONSUMER AND COMMERCIAL PRODUCTS.—The Secretary shall within 24 months after the date of enactment of this subsection prescribe testing requirements for suspended ceiling fans, refrigerated bottled or canned beverage vending machines, and commercial refrigerators, freezers, and refrigerator-freezers. Such testing requirements shall be based on existing test procedures used in industry to the extent practical and reasonable. In the case of suspended ceiling fans, such test procedures shall include efficiency at both maximum output and at an output no more than 50 percent of the maximum output.''.

(c) NEW STANDARDS.—Section 325 of the Energy Policy and Conservation Act (42 U.S.C. 6295) is amended by adding at the end the following:

''(u) STANDBY MODE ELECTRIC ENERGY CONSUMPTION.—

''(1) INITIAL RULEMAKING.—(A) The Secretary shall, within 18 months after the date of enactment of this subsection, prescribe by notice and comment, definitions of standby mode and test procedures for the standby mode power use of battery chargers and external power supplies. In establishing these test procedures, the Secretary shall consider, among other factors, existing test procedures used for measuring energy consumption in standby mode and assess the current and projected future market for battery chargers and external power supplies. This assessment shall include estimates of the significance of potential energy savings from technical improvements to these products and suggested product classes for standards. Prior to the end of this time period, the Secretary shall hold a scoping workshop to discuss and receive comments on plans for developing energy conservation standards for standby mode energy use for these products.

''(B) The Secretary shall, within 3 years after the date of enactment of this subsection, issue a final rule that determines whether energy conservation standards shall be promulgated for battery chargers and external power supplies or classes thereof. For each product class, any such standards shall be set at the lowest level of standby energy use that—

''(i) meets the criteria of subsections (o), (p), (q), (r), (s) and (t); and

''(ii) will result in significant overall annual energy savings, considering both standby mode and other operating modes.

''(2) DESIGNATION OF ADDITIONAL COVERED PRODUCTS.—(A) Not later than 180 days after the date of enactment of this subsection, the Secretary shall publish for public comment and public hearing a notice to determine whether any non-covered products should be designated as covered products for the purpose of instituting a rulemaking under this section to determine whether an energy conservation standard restricting standby mode energy consumption, should be promulgated; except that any restriction on standby mode energy consumption shall be limited to major sources of such consumption.

''(B) In making the determinations pursuant to subparagraph (A) of whether to designate new covered products and institute rulemakings, the Secretary shall, among other relevant factors and in addition to the criteria in section 322(b), consider—

''(i) standby mode power consumption compared to overall product energy consumption; and

''(ii) the priority and energy savings potential of standards that may be promulgated under this subsection compared to other required rulemakings under this section and the available resources of the Department to conduct such rulemakings.

''(C) Not later than 1 year after the date of enactment of this subsection, the Secretary shall issue a determination of any new covered products for which the Secretary intends to institute rulemakings on standby mode pursuant to this section and he shall state the dates by which he intends to initiate those rulemakings.

''(3) REVIEW OF STANDBY ENERGY USE IN COVERED PRODUCTS.—In determining pursuant to section 323 whether test procedures and energy conservation standards pursuant to this section should

be revised, the Secretary shall consider, for covered products that are major sources of standby mode energy consumption, whether to incorporate standby mode into such test procedures and energy conservation standards, taking into account, among other relevant factors, the criteria for noncovered products in paragraph (2)(B).

''(4) RULEMAKING.—(A) Any rulemaking instituted under this subsection or for covered products under this section that restricts standby mode power consumption shall be subject to the criteria and procedures for issuing energy conservation standards set forth in this section and the criteria set forth in paragraph (2)(B).

''(B) The Secretary shall not propose a standard for new covered products or covered products in a standby mode unless the Secretary has promulgated applicable test procedures for each product pursuant to section 323.

''(C) Section 327 shall apply to new covered products that are subject to the rulemakings for standby mode after a final rule has been issued.

''(5) EFFECTIVE DATE.—Any standard promulgated under this subsection shall be applicable to

products manufactured or imported 3 years after the date of promulgation.

''(6) VOLUNTARY PROGRAMS.—The Secretary and the Administrator shall collaborate and develop programs, including programs pursuant to section 324A (relating to Energy Star Programs) and other voluntary industry agreements or codes of conduct, that are designed to reduce standby mode energy use.

''(v) SUSPENDED CEILING FANS, VENDING MACHINES, AND COMMERCIAL REFRIGERATORS, FREEZERS, AND REFRIGERATOR-FREEZERS.—The Secretary shall within 36 months after the date on which testing requirements are prescribed by the Secretary pursuant to section 323(f), prescribe, by rule, energy conservation standards for suspended ceiling fans, refrigerated bottled or canned beverage vending machines, and commercial refrigerators, freezers, and refrigerator-freezers. In establishing standards under this subsection, the Secretary shall use the criteria and procedures contained in subsections (l) and (m). Any standard prescribed under this subsection shall apply to products manufactured 3 years after the date of publication of a final rule establishing such standard.

''(w) ILLUMINATED EXIT SIGNS.—Illuminated exit signs manufactured on or after January 1, 2005, shall

meet the Version 2.0 Energy Star Program performance requirements for illuminated exit signs prescribed by the Environmental Protection Agency.

''(x) TORCHIERES.—Torchieres manufactured on or after January 1, 2005—

''(1) shall consume not more than 190 watts of power; and

''(2) shall not be capable of operating with lamps that total more than 190 watts.

''(y) LOW VOLTAGE DRY-TYPE DISTRIBUTION TRANSFORMERS.—The efficiency of low voltage dry-type distribution transformers manufactured on or after January 1, 2005, shall be the Class I Efficiency Levels for distribution transformers specified in Table 4-2 of the 'Guide for Determining Energy Efficiency for Distribution Transformers' published by the National Electrical Manufacturers Association (NEMA TP–1–2002).

''(z) TRAFFIC SIGNAL MODULES.—Traffic signal modules manufactured on or after January 1, 2006, shall meet the performance requirements used under the Energy Star program of the Environmental Protection Agency for traffic signals, as in effect on the date of enactment of this paragraph, and shall be installed with compatible, electrically-connected signal control interface devices and conflict monitoring systems.

''(aa) UNIT HEATERS.—Unit heaters manufactured on or after the date that is three years after the date of enactment of this subseciton shall be equipped with an intermittent ignition device and shall have either power venting or an automatic flue damper.

''(bb) MEDIUM BASE COMPACT FLUORESCENT LAMPS.—Bare lamp and covered lamp (no reflector) medium base compact fluorescent lamps manufactured on or after January 1, 2005, shall meet the following requirements prescribed by the August 9, 2001, version of the Energy Star Program Requirements for Compact Fluorescent Lamps, Energy Star Eligibility Criteria, Energy-Efficiency Specification issued by the Environmental Protection Agency and Department of Energy: minimum initial efficacy; lumen maintenance at 1000 hours; lumen maintenance at 40 percent of rated life; rapid cycle stress test; and lamp life. The Secretary may, by rule, establish requirements for color quality (CRI); power factor; operating frequency; and maximum allowable start time based on the requirements prescribed by the August 9, 2001, version of the Energy Star Program Requirements for Compact Fluorescent Lamps. The Secretary may, by rule, revise these requirements or establish other requirements considering energy savings, cost effectiveness, and consumer satisfaction.

''(cc) EFFECTIVE DATE.—Section 327 shall apply—

''(1) to products for which standards are to be established under subsection (v) on the date on which a final rule is issued by the Department of Energy, except that any State or local standards prescribed or enacted for any such product prior to the date on which such final rule is issued shall not be preempted until the standard established under subsection (v) for that product takes effect; and

''(2) to products for which standards are established under subsections (w) through (bb) on the date of enactment of those subsections, except that any State or local standards prescribed or enacted prior to the date of enactment of those subsections shall not be preempted until the standards established under subsections (w) through (bb) take effect.''.

(d) RESIDENTIAL FURNACE FANS.—Section 325(f)(3) of the Energy Policy and Conservation Act (42 U.S.C. 6295(f)(3)) is amended by adding the following new subparagraph at the end:

''(D) Notwithstanding any provision of this Act, the Secretary may consider, and prescribe, if the requirements of subsection (o) of this section are met, energy efficiency

or energy use standards for electricity used for purposes of circulating air through duct work.''.

SEC. ___24. ENERGY LABELING.

Section 324(a)(2) of the Energy Policy and Conservation Act (42 U.S.C. 6294(a)(2)) is amended by adding at the end the following:

''(F) Not later than 3 months after the date of enactment of this subparagraph, the Commission shall initiate a rulemaking to consider the effectiveness of the current consumer products labeling program in assisting consumers in making purchasing decisions and improving energy efficiency and to consider changes to the labeling rules that would improve the effectiveness of consumer product labels. Such rulemaking shall be completed within 2 years after the date of enactment of this subparagraph.''.

Subtitle D—Public Housing

SEC. ___31. CAPACITY BUILDING FOR ENERGY-EFFICIENT, AFFORDABLE HOUSING.

Section 4(b) of the HUD Demonstration Act of 1993 (42 U.S.C. 9816 note) is amended—

(1) in paragraph (1), by inserting before the semicolon at the end the following: '', including capabilities regarding the provision of energy efficient,

affordable housing and residential energy conservation measures''; and

(2) in paragraph (2), by inserting before the semicolon the following: '', including such activities relating to the provision of energy efficient, affordable housing and residential energy conservation measures that benefit low-income families''.

SEC. ___32. INCREASE OF CDBG PUBLIC SERVICES CAP FOR ENERGY CONSERVATION AND EFFICIENCY ACTIVITIES.

Section 105(a)(8) of the Housing and Community Development Act of 1974 (42 U.S.C. 5305(a)(8)) is amended—

(1) by inserting ''or efficiency'' after ''energy conservation'';

(2) by striking '', and except that'' and inserting ''; except that''; and

(3) by inserting before the semicolon at the end the following: ''; and except that each percentage limitation under this paragraph on the amount of assistance provided under this title that may be used for the provision of public services is hereby increased by 10 percent, but such percentage increase may be used only for the provision of public services concerning energy conservation or efficiency''.

SEC. ___33. FHA MORTGAGE INSURANCE INCENTIVES FOR ENERGY EFFICIENT HOUSING.

(a) SINGLE FAMILY HOUSING MORTGAGE INSURANCE.—Section 203(b)(2) of the National Housing Act (12 U.S.C. 1709(b)(2)) is amended, in the first undesignated paragraph beginning after subparagraph (B)(ii)(IV) (relating to solar energy systems), by striking ''20 percent'' and inserting ''30 percent''.

(b) MULTIFAMILY HOUSING MORTGAGE INSURANCE.—Section 207(c) of the National Housing Act (12 U.S.C. 1713(c)) is amended, in the second undesignated paragraph beginning after paragraph (3) (relating to solar energy systems and residential energy conservation measures), by striking ''20 percent'' and inserting ''30 percent''.

(c) COOPERATIVE HOUSING MORTGAGE INSURANCE.—Section 213(p) of the National Housing Act (12 U.S.C. 1715e(p)) is amended by striking ''20 per centum'' and inserting ''30 percent''.

(d) REHABILITATION AND NEIGHBORHOOD CONSERVATION HOUSING MORTGAGE INSURANCE.—Section 220(d)(3)(B)(iii)(IV) of the National Housing Act (12 U.S.C. 1715k(d)(3)(B)(iii)(IV)) is amended by striking ''20 per centum'' and inserting ''30 percent''.

(e) LOW-INCOME MULTIFAMILY HOUSING MORTGAGE INSURANCE.—Section 221(k) of the National Hous-

ing Act (12 U.S.C. 1715l(k)) is amended by striking ''20 per centum'' and inserting ''30 percent''.

(f) ELDERLY HOUSING MORTGAGE INSURANCE.—Section 231(c)(2)(C) of the National Housing Act (12 U.S.C. 1715v(c)(2)(C)) is amended by striking ''20 per centum'' and inserting ''30 percent''.

(g) CONDOMINIUM HOUSING MORTGAGE INSURANCE.—Section 234(j) of the National Housing Act (12 U.S.C. 1715y(j)) is amended by striking ''20 per centum'' and inserting ''30 percent''.

SEC. ___34. PUBLIC HOUSING CAPITAL FUND.

Section 9 of the United States Housing Act of 1937 (42 U.S.C. 1437g) is amended—

(1) in subsection (d)(1)—

(A) in subparagraph (I), by striking ''and'' at the end;

(B) in subparagraph (J), by striking the period at the end and inserting a semicolon; and

(C) by adding at the end the following new subparagraphs:

''(K) improvement of energy and water-use efficiency by installing fixtures and fittings that conform to the American Society of Mechanical Engineers/American National Standards Insti-

tute standards A112.19.2-1998 and A112.18.1-2000, or any revision thereto, applicable at the time of installation, and by increasing energy efficiency and water conservation by such other means as the Secretary determines are appropriate; and

''(L) integrated utility management and capital planning to maximize energy conservation and efficiency measures.''; and

(2) in subsection (e)(2)(C)—

(A) by striking ''The'' and inserting the following:

''(i) IN GENERAL.—The''; and

(B) by adding at the end the following:

''(ii) THIRD PARTY CONTRACTS.—Contracts described in clause (i) may include contracts for equipment conversions to less costly utility sources, projects with resident-paid utilities, and adjustments to frozen base year consumption, including systems repaired to meet applicable building and safety codes and adjustments for occupancy rates increased by rehabilitation.

''(iii) TERM OF CONTRACT.—The total term of a contract described in clause (i) shall not exceed 20 years to allow longer payback periods for retrofits, including windows, heating system replacements, wall insulation, site-based generation, advanced energy savings technologies, including renewable energy generation, and other such retrofits.''.

SEC. ___35. GRANTS FOR ENERGY-CONSERVING IMPROVEMENTS FOR ASSISTED HOUSING.

Section 251(b)(1) of the National Energy Conservation Policy Act (42 U.S.C. 8231(1)) is amended—

(1) by striking ''financed with loans'' and inserting ''assisted'';

(2) by inserting after ''1959,'' the following: ''which are eligible multifamily housing projects (as such term is defined in section 512 of the Multifamily Assisted Housing Reform and Affordability Act of 1997 (42 U.S.C. 1437f note)) and are subject to mortgage restructuring and rental assistance sufficiency plans under such Act,''; and

(3) by inserting after the period at the end of the first sentence the following new sentence: ''Such improvements may also include the installation of

energy and water conserving fixtures and fittings that conform to the American Society of Mechanical Engineers/American National Standards Institute standards A112.19.2-1998 and A112.18.1-2000, or any revision thereto, applicable at the time of installation.''.

SEC. ___36. NORTH AMERICAN DEVELOPMENT BANK.

Part 2 of subtitle D of title V of the North American Free Trade Agreement Implementation Act (22 U.S.C. 290m–290m-3) is amended by adding at the end the following:

''SEC. 545. SUPPORT FOR CERTAIN ENERGY POLICIES.

''Consistent with the focus of the Bank's Charter on environmental infrastructure projects, the Board members representing the United States should use their voice and vote to encourage the Bank to finance projects related to clean and efficient energy, including energy conservation, that prevent, control, or reduce environmental pollutants or contaminants.''.

SEC. ___37. ENERGY-EFFICIENT APPLIANCES.

In purchasing appliances, a public housing agency shall purchase energy-efficient appliances that are Energy Star products or FEMP-designated products, as such terms are defined in section 552 of the National Energy Policy and Conservation Act (as amended by this Act),

unless the purchase of energy-efficient appliances is not cost-effective to the agency.

SEC. ___38. ENERGY EFFICIENCY STANDARDS.

Section 109 of the Cranston-Gonzalez National Affordable Housing Act (42 U.S.C. 12709) is amended—

(1) in subsection (a)—

(A) in paragraph (1)—

(i) by striking ''1 year after the date of the enactment of the Energy Policy Act of 1992'' and inserting ''September 30, 2004'';

(ii) in subparagraph (A), by striking ''and'' at the end;

(iii) in subparagraph (B), by striking the period at the end and inserting ''; and''; and

(iv) by adding at the end the following:

''(C) rehabilitation and new construction of public and assisted housing funded by HOPE VI revitalization grants under section 24 of the United States Housing Act of 1937 (42 U.S.C. 1437v), where such standards are determined to be cost effective by the Secretary of Housing and Urban Development.''; and

(B) in paragraph (2), by striking ''Council of American'' and all that follows through ''90.1–1989')'' and inserting ''2000 International Energy Conservation Code'';

(2) in subsection (b)—

(A) by striking ''within 1 year after the date of the enactment of the Energy Policy Act of 1992'' and inserting ''by September 30, 2004''; and

(B) by striking ''CABO'' and all that follows through ''1989'' and inserting ''the 2000 International Energy Conservation Code''; and

(3) in subsection (c)—

(A) in the heading, by striking ''MODEL ENERGY CODE'' and inserting ''THE INTERNATIONAL ENERGY CONSERVATION CODE''; and

(B) by striking ''CABO'' and all that follows through ''1989'' and inserting ''the 2000 International Energy Conservation Code''.

SEC. ___39. ENERGY STRATEGY FOR HUD.

The Secretary of Housing and Urban Development shall develop and implement an integrated strategy to reduce utility expenses through cost-effective energy conservation and efficiency measures and energy efficient de-

sign and construction of public and assisted housing. The energy strategy shall include the development of energy reduction goals and incentives for public housing agencies. The Secretary shall submit a report to Congress, not later than one year after the date of the enactment of this Act, on the energy strategy and the actions taken by the Department of Housing and Urban Development to monitor the energy usage of public housing agencies and shall submit an update every two years thereafter on progress in implementing the strategy.